20877O"T9805OOT

FIG.1 PRIOR ART

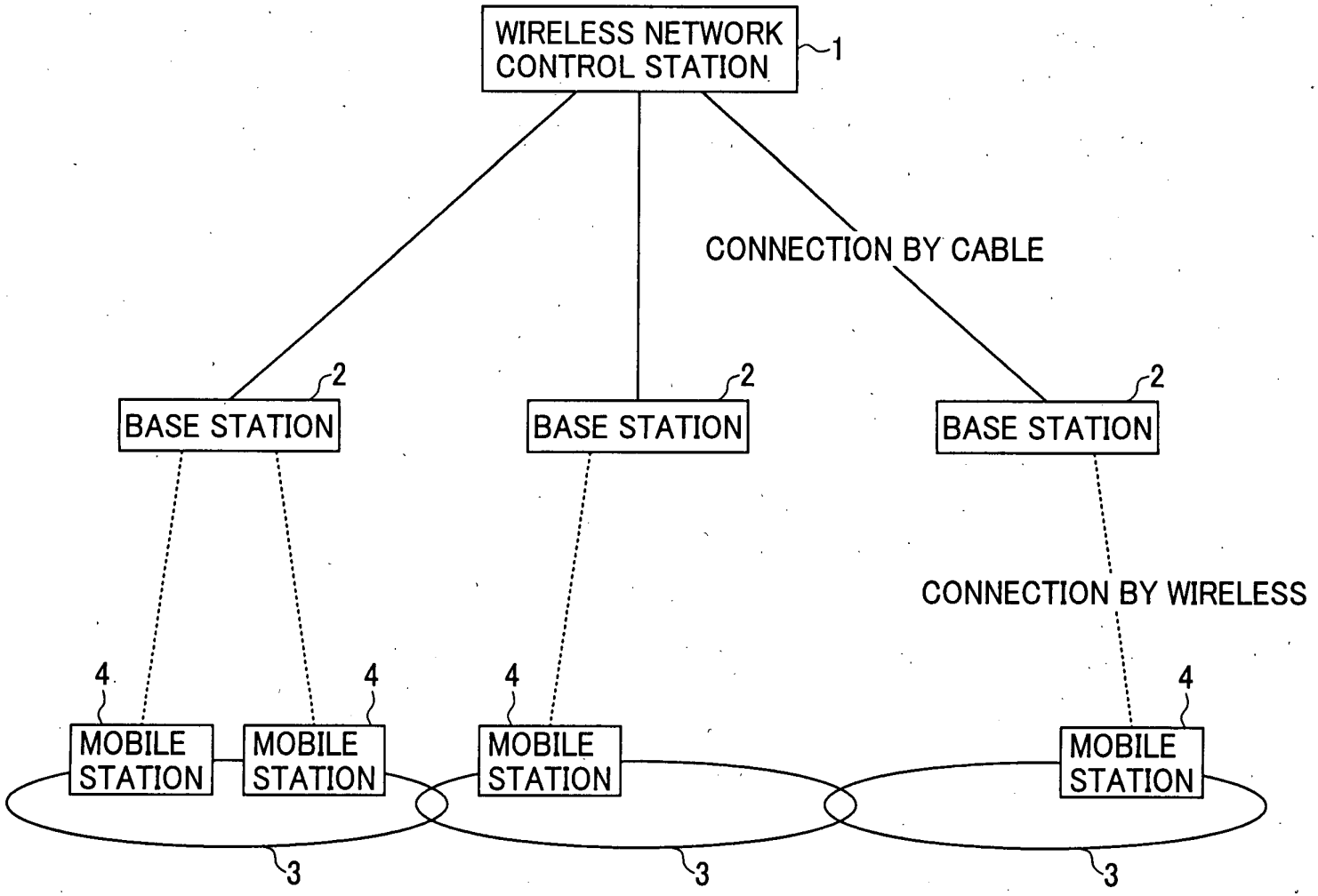

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FIG.2 PRIOR ART

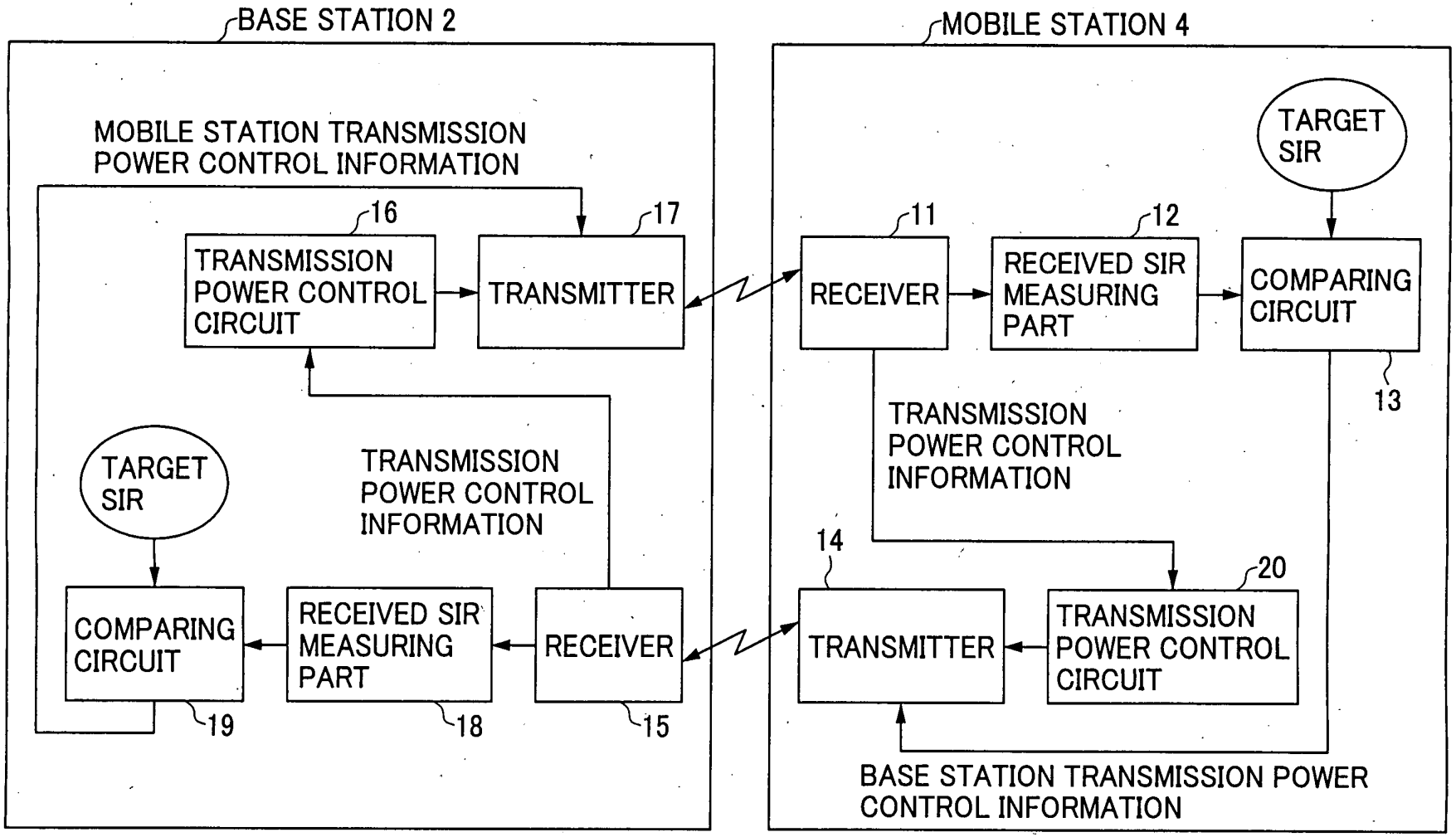

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FIG.3A
PRIOR ART

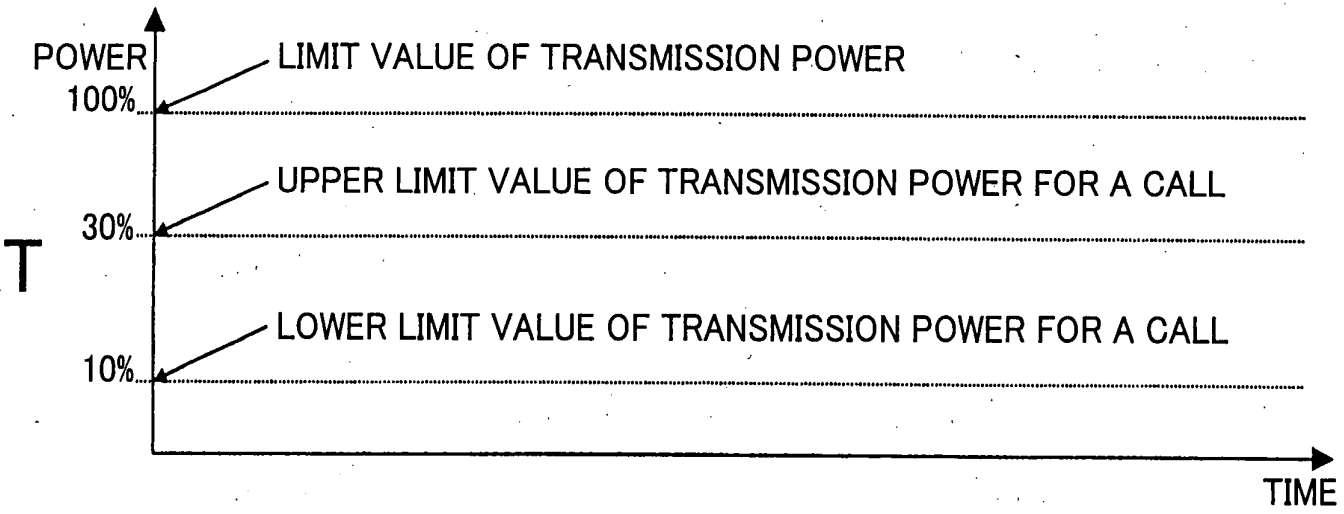

FIG.3B
PRIOR ART

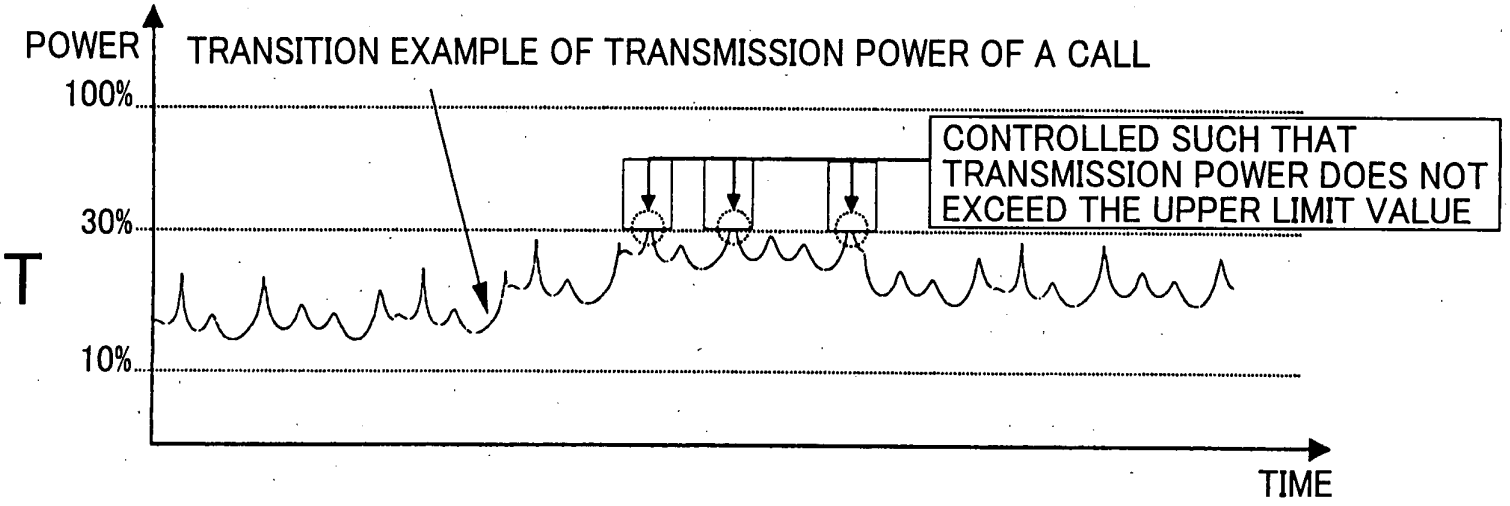

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FIG. 4A PRIOR ART

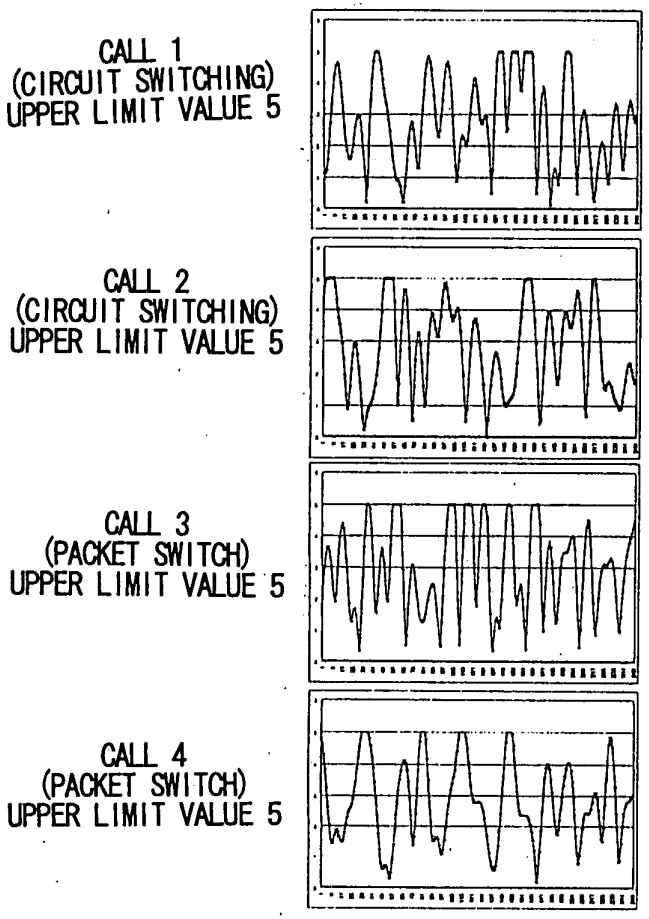

FIG. 4B PRIOR ART

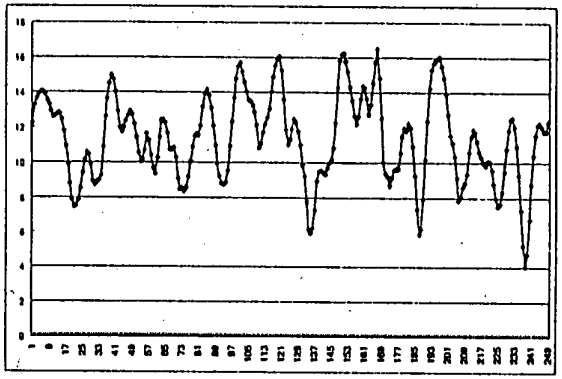

FIG. 4C PRIOR ART

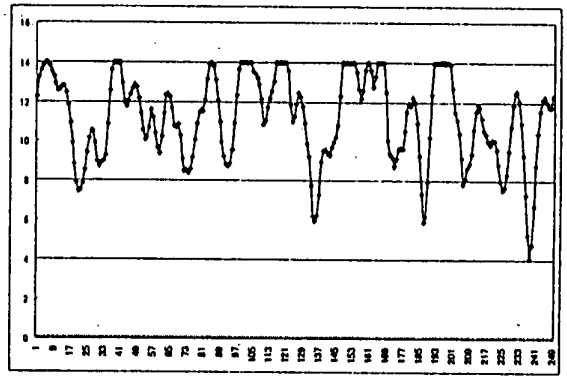

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FIG.5 PRIOR ART

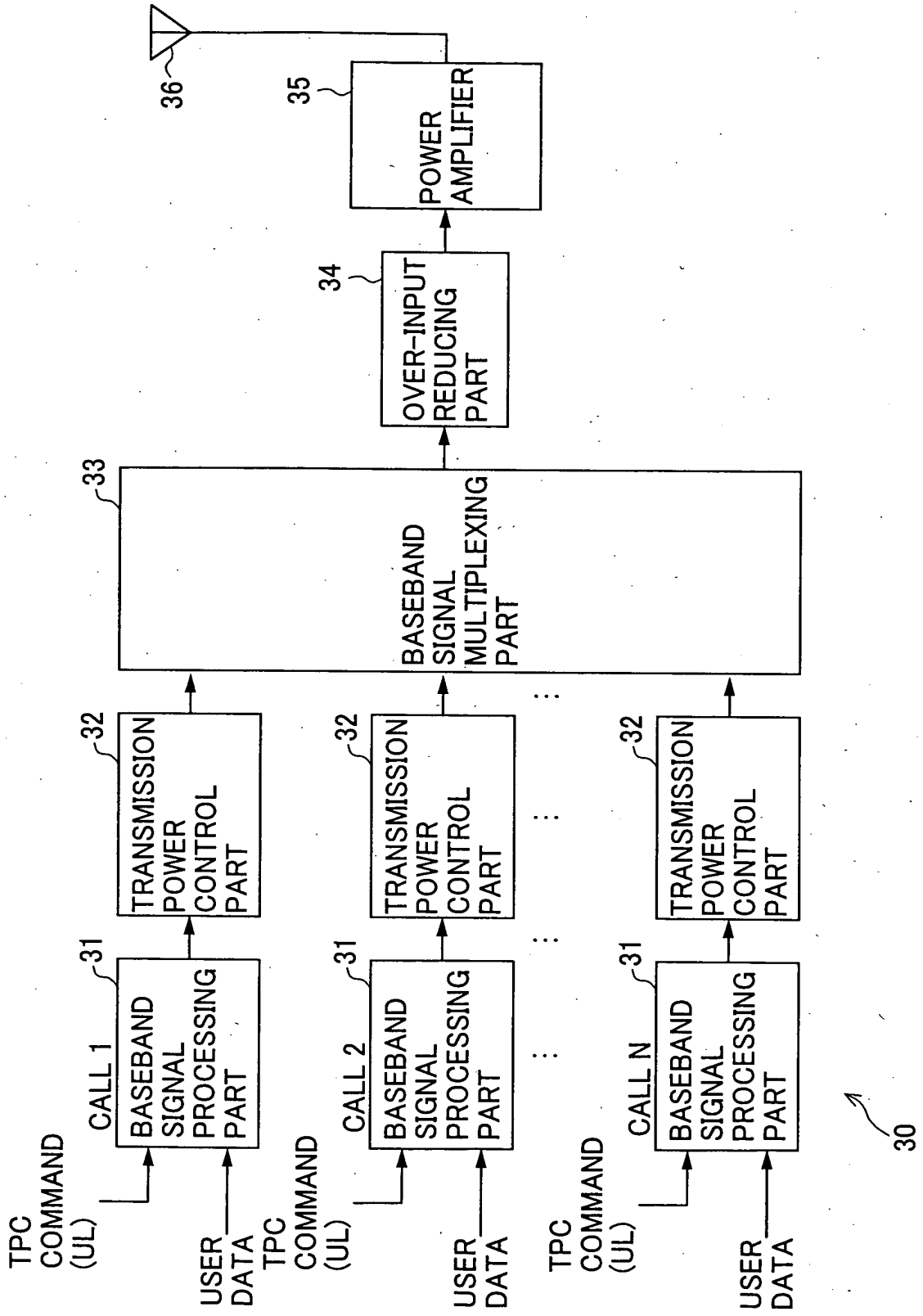

FIG.6 PRIOR ART

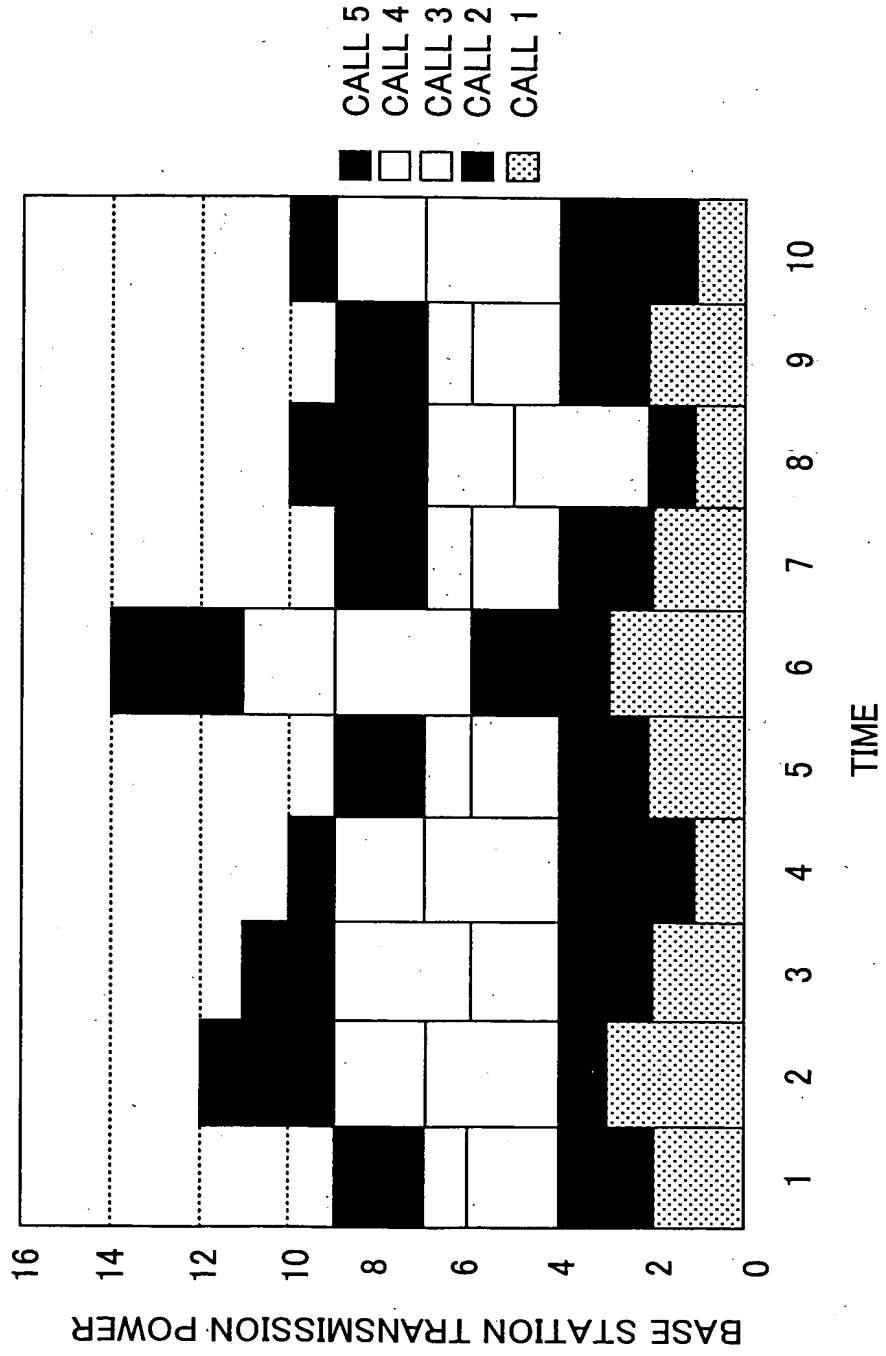

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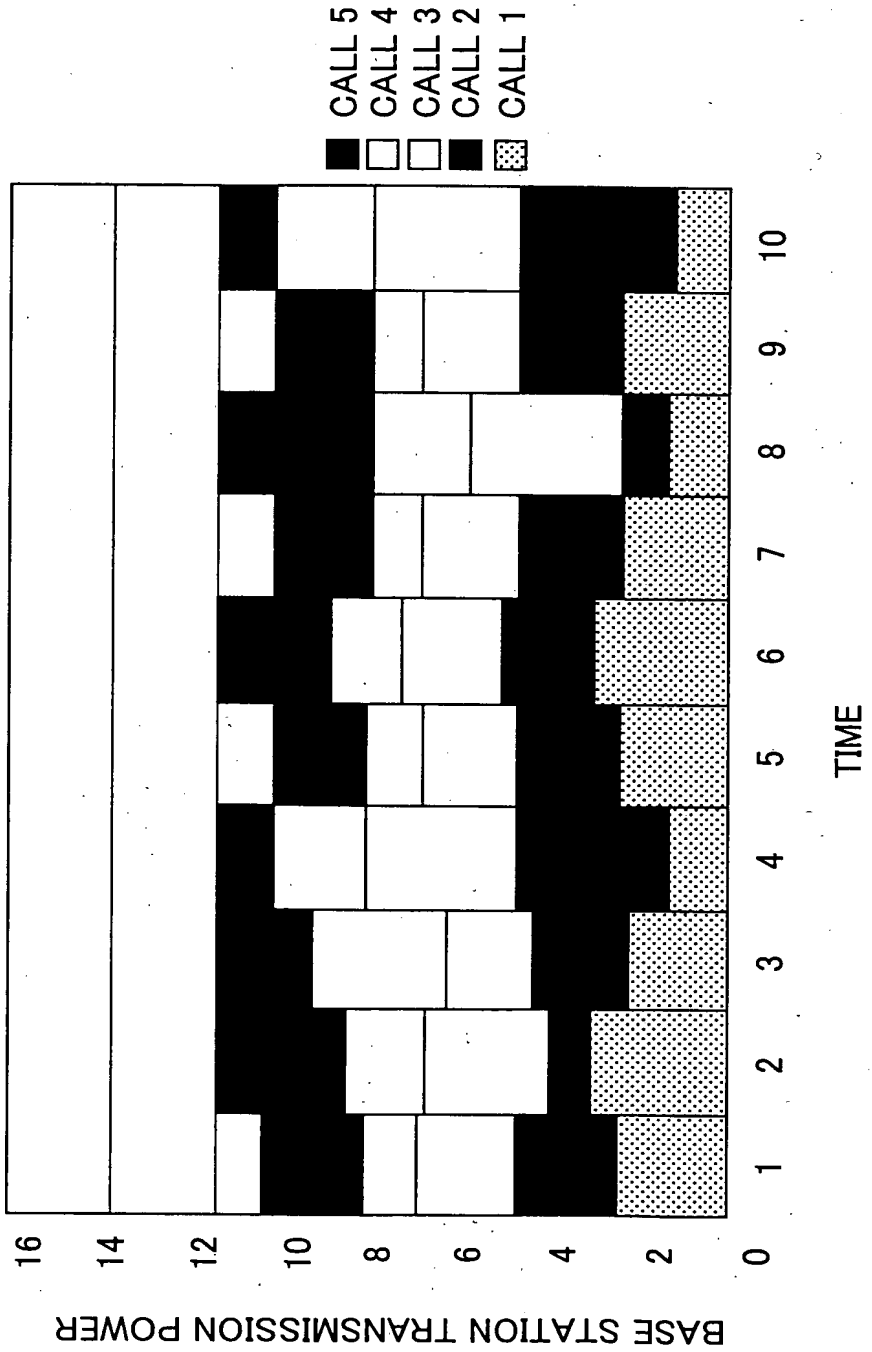
FIG.7 PRIOR ART



20877.0 1980501

FIG.8

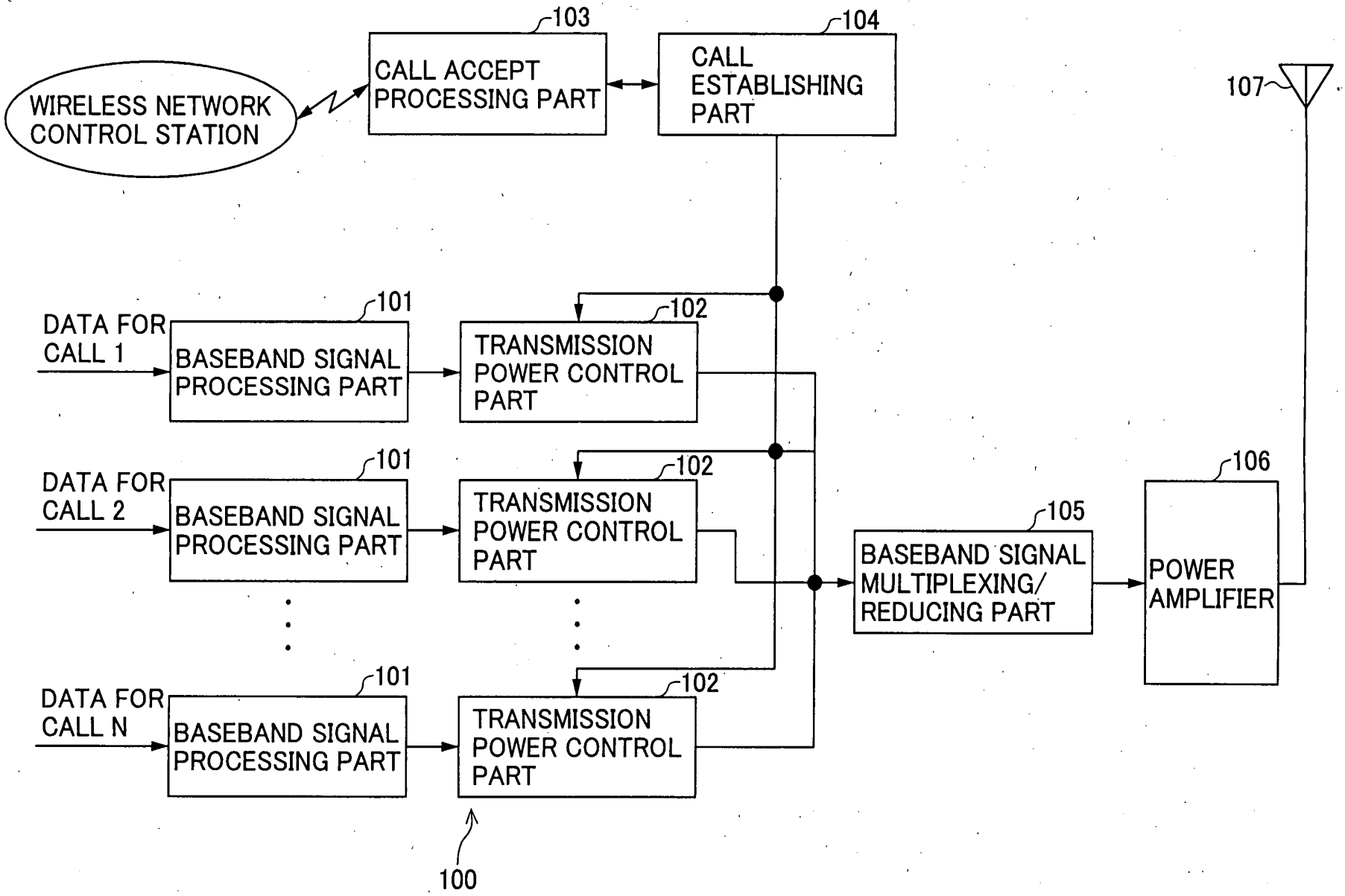


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FIG.9

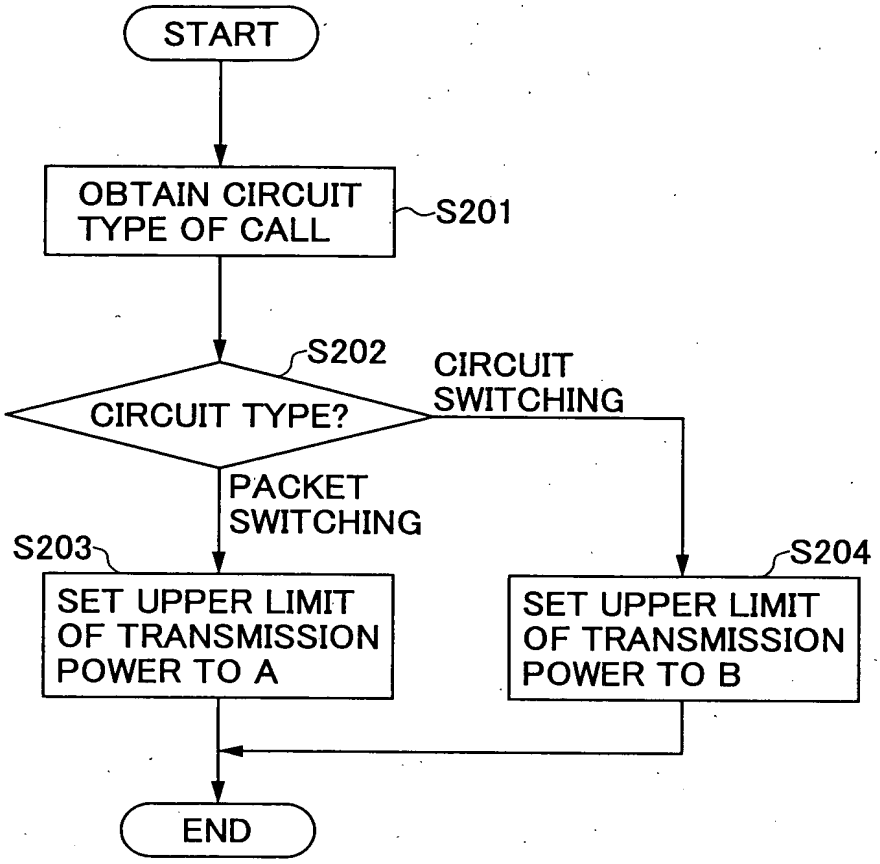

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FIG. 10A

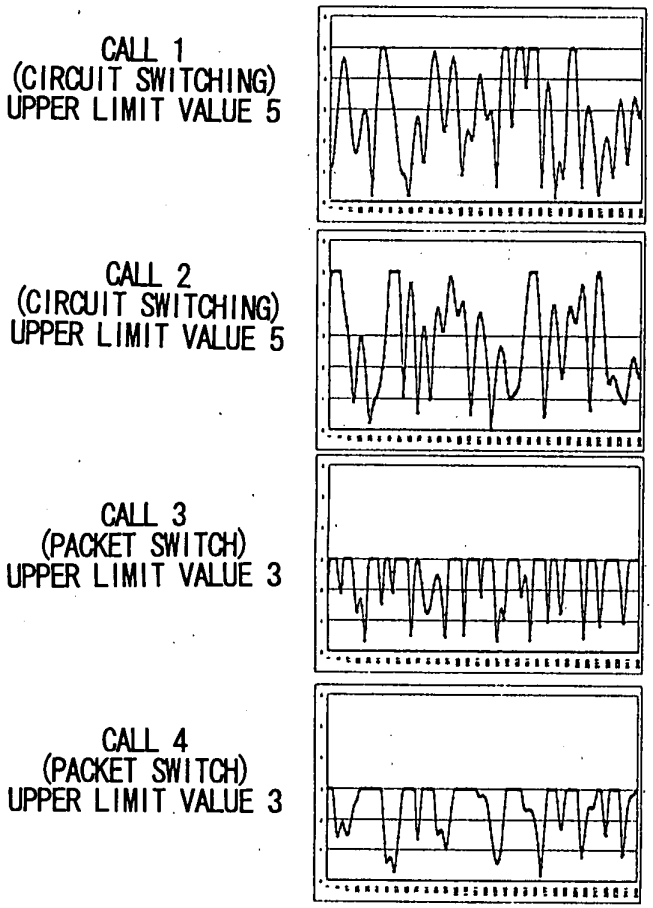


FIG. 10B

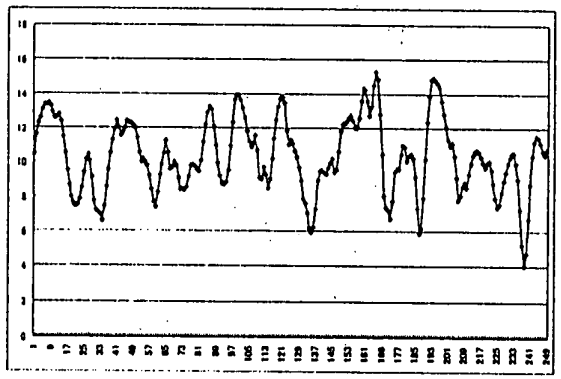
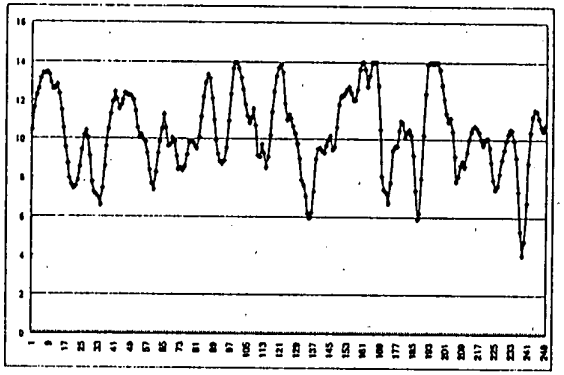


FIG. 10C



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208TTO" T980500T

FIG.11

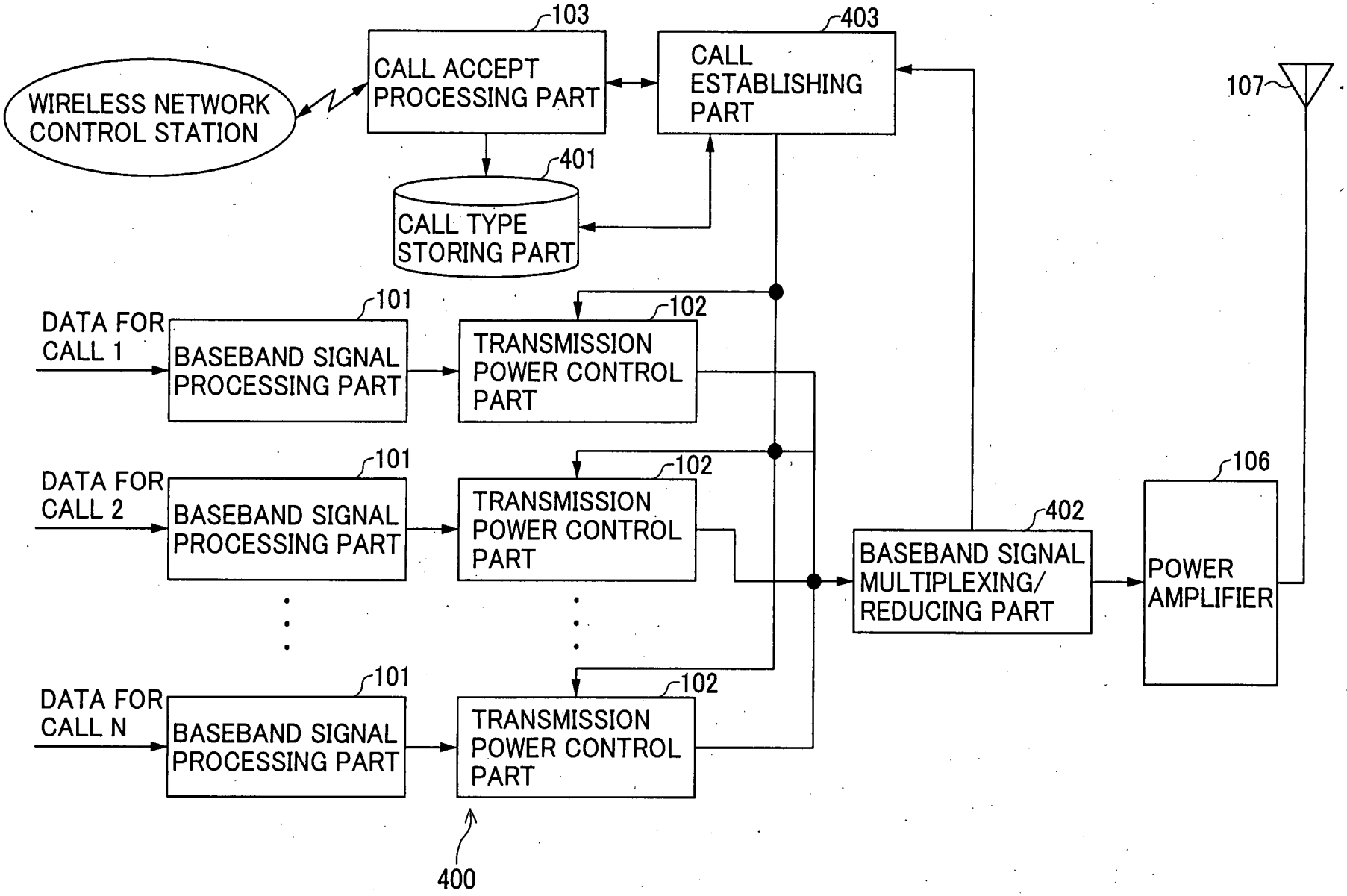

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FIG.12

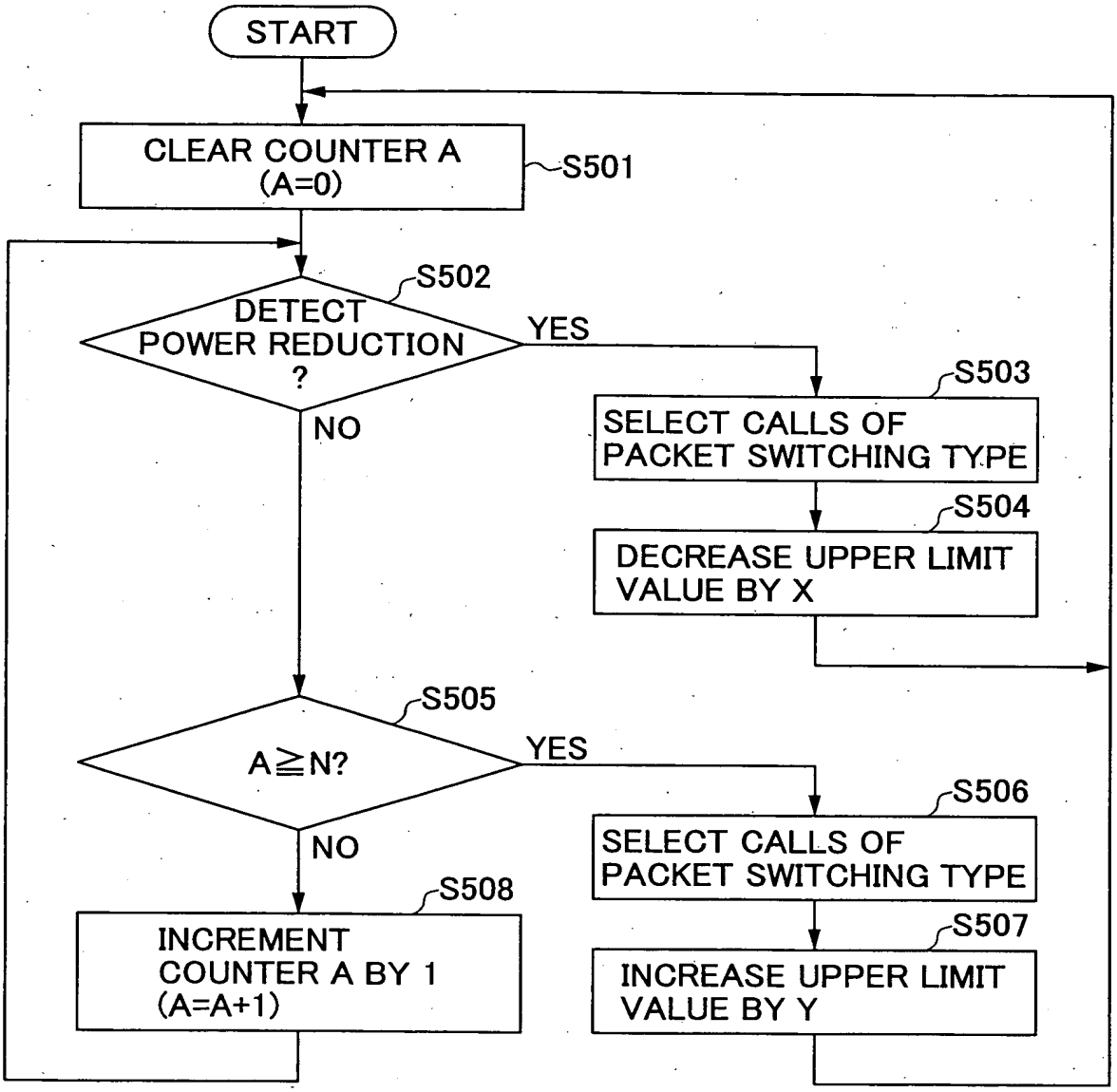

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FIG.13

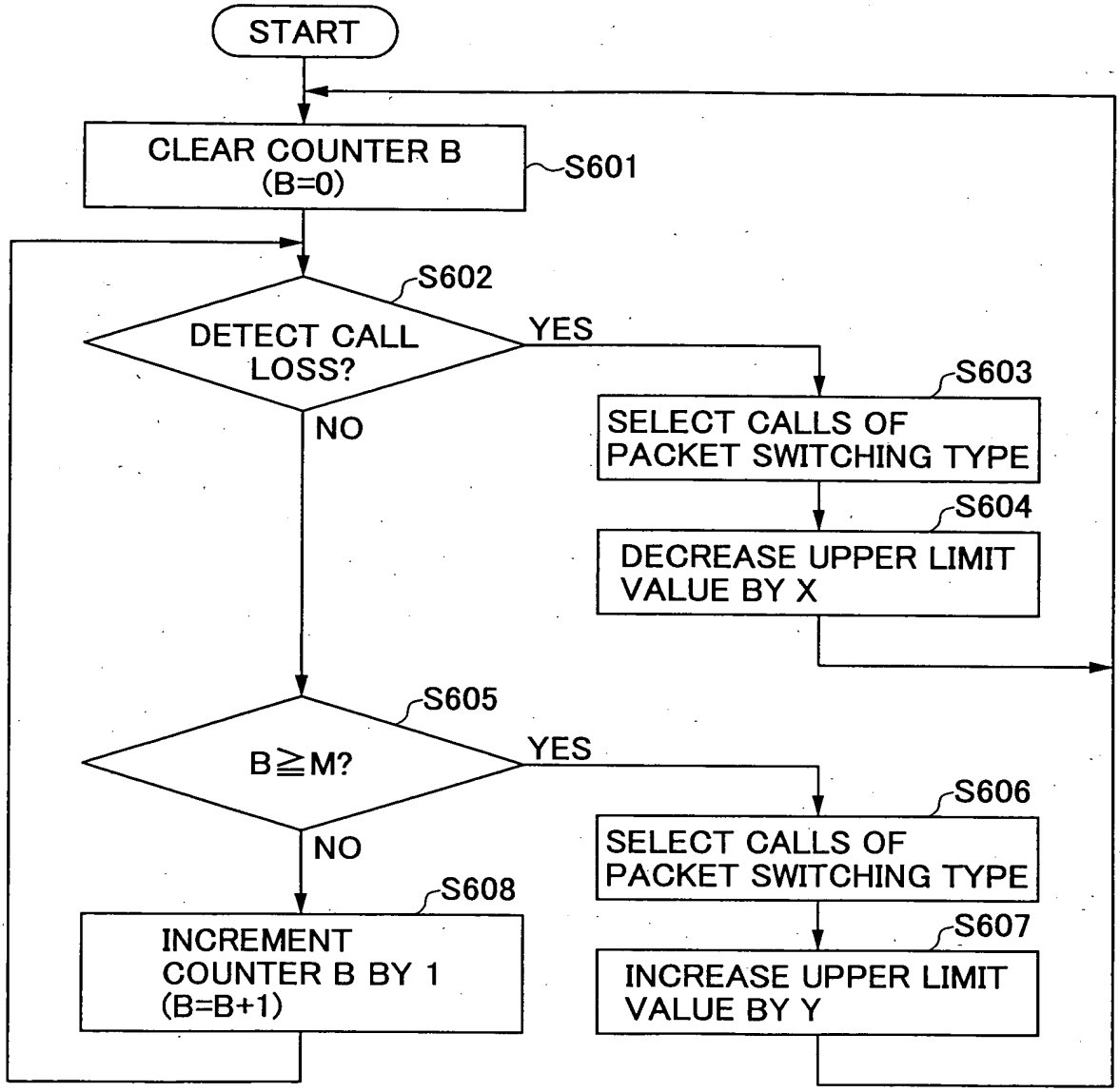

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FIG.14

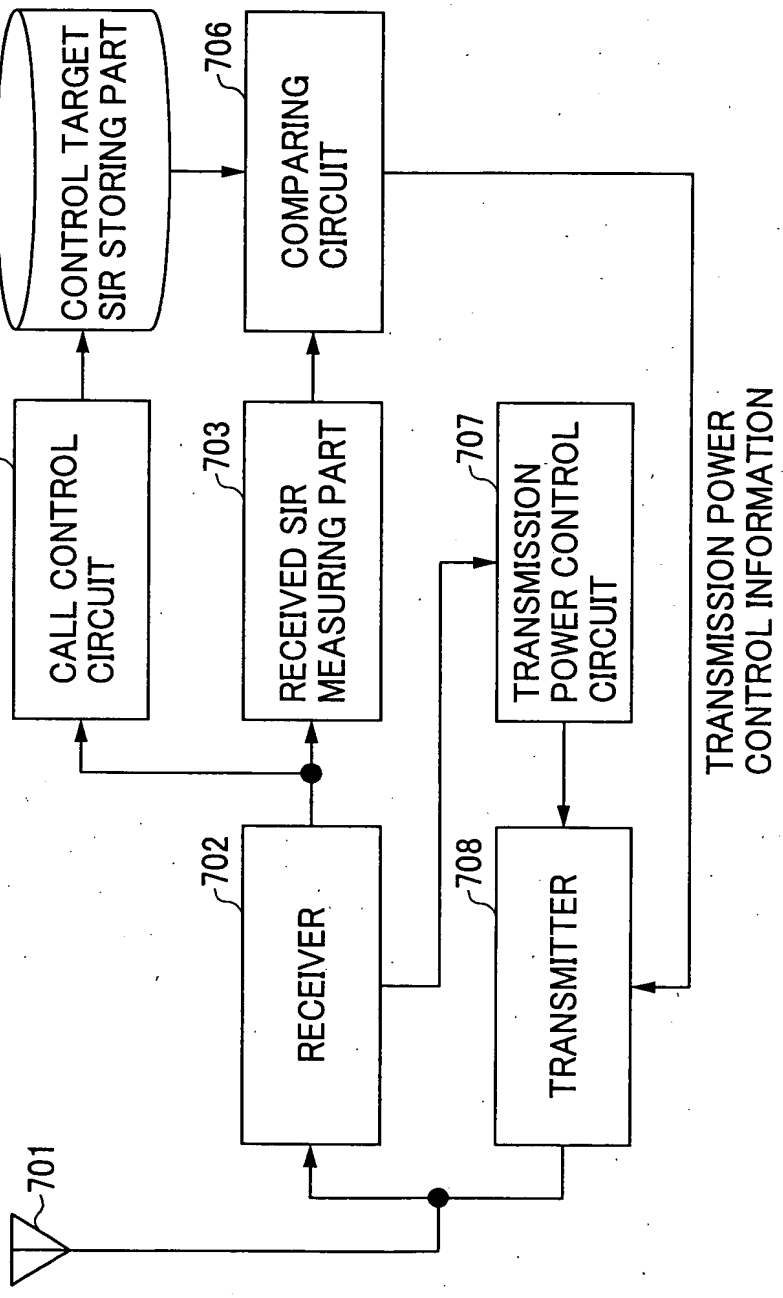
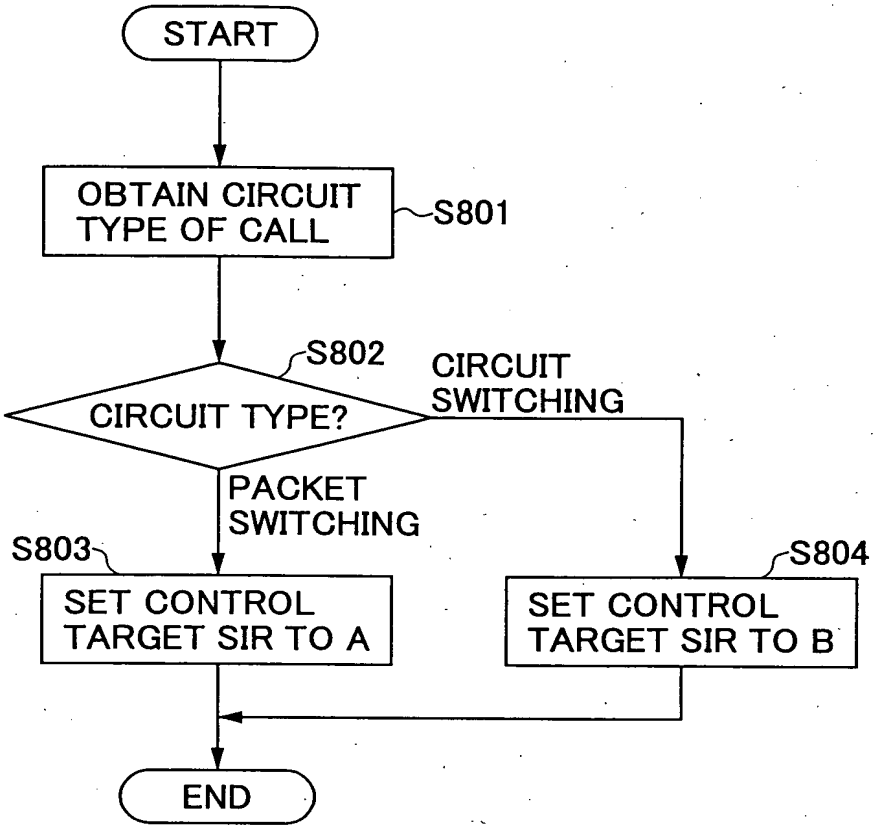
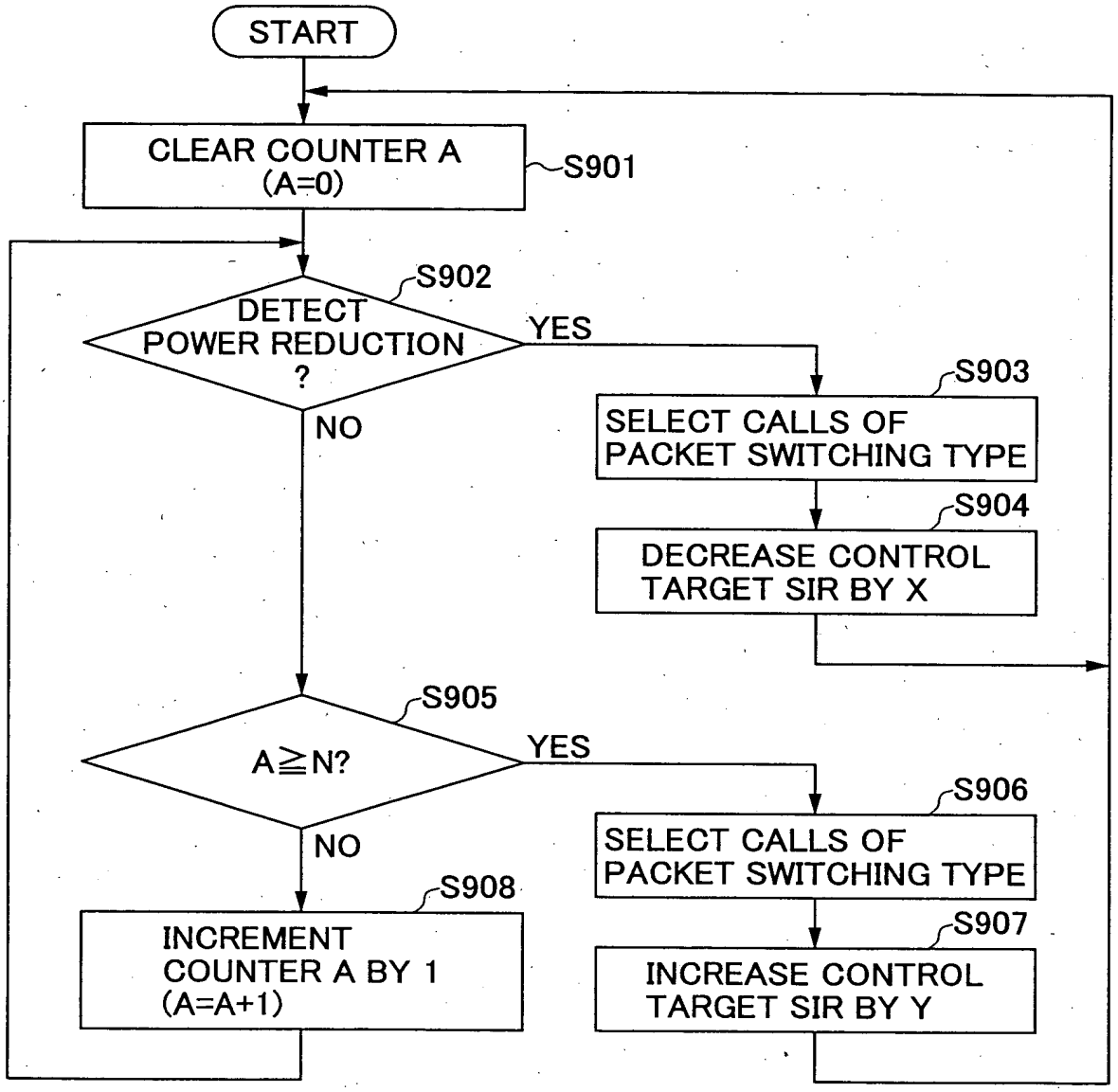

705
CONTROL TARGET SIR STORING PART
706
COMPARING CIRCUIT
704
CALL CONTROL CIRCUIT
703
RECEIVED SIR MEASURING PART
707
TRANSMISSION POWER CONTROL CIRCUIT
TRANSMISSION POWER CONTROL INFORMATION
702
RECEIVER
708
TRANSMITTER
701
700

FIG.15



2005-174908

FIG.16



EP 1 950 907 A1 23-07-2008

FIG.17

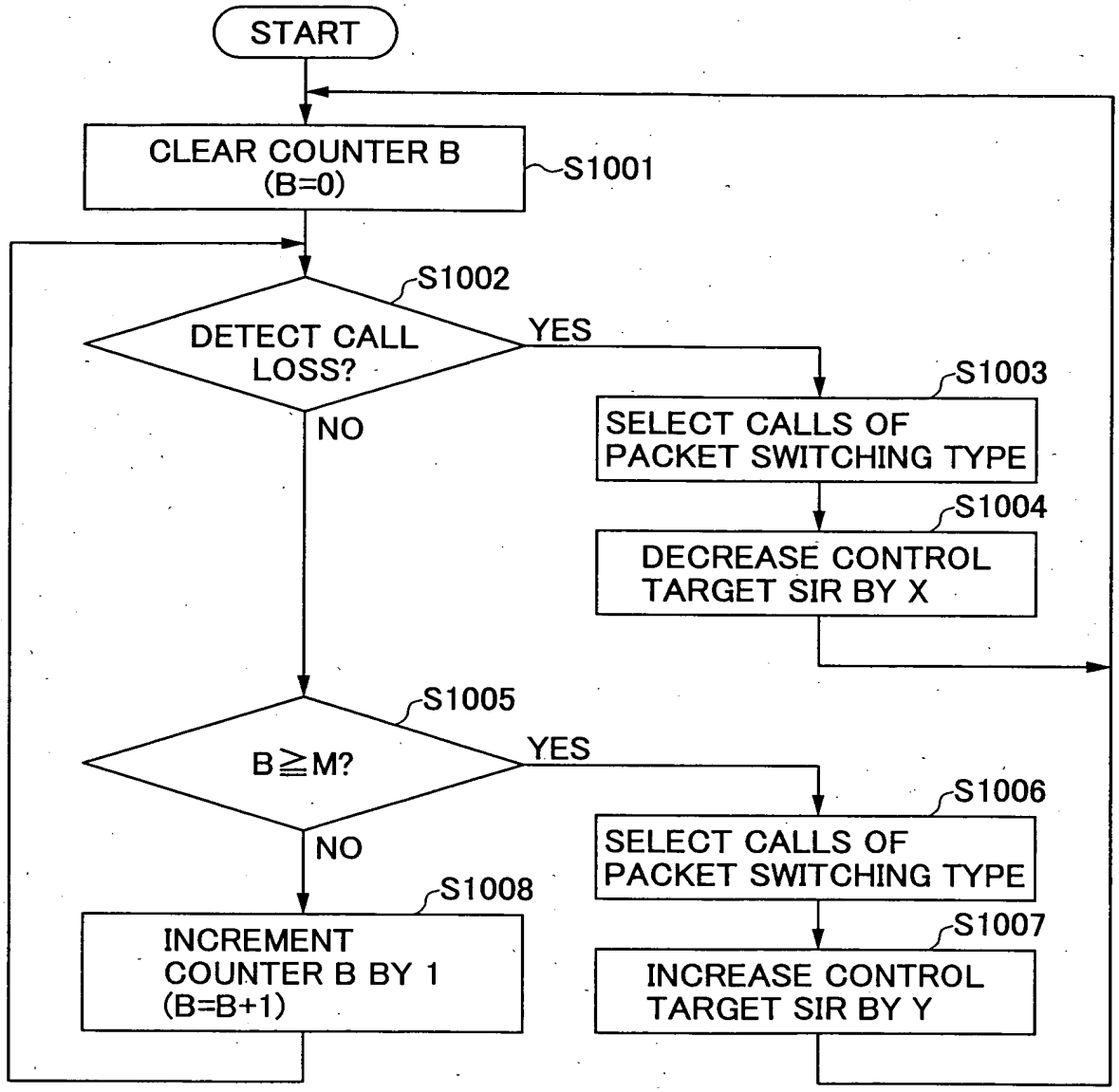


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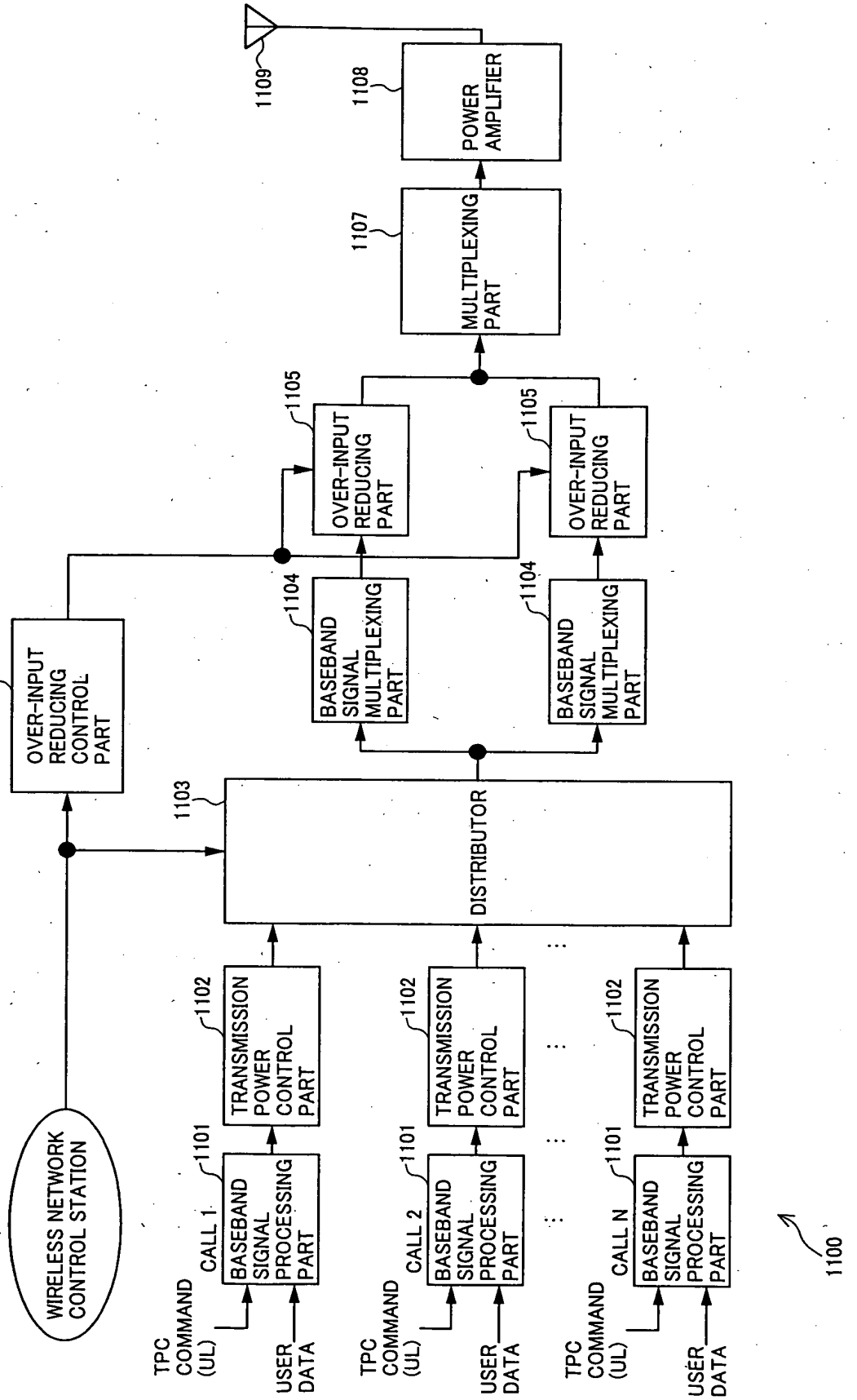
FIG.18


WIRELESS NETWORK CONTROL STATION
OVER-INPUT REDUCING CONTROL PART
1106
DISTRIBUTOR
1103
BASEBAND SIGNAL MULTIPLEXING PART
1104
OVER-INPUT REDUCING PART
1105
MULTIPLEXING PART
1107
POWER AMPLIFIER
1108
1109
TRANSMISSION POWER CONTROL PART
1102
BASEBAND SIGNAL PROCESSING PART
1101
CALL 1
CALL 2
CALL N
TPC COMMAND (UL)
USER DATA
1100

2087TO'T9805007

FIG.19

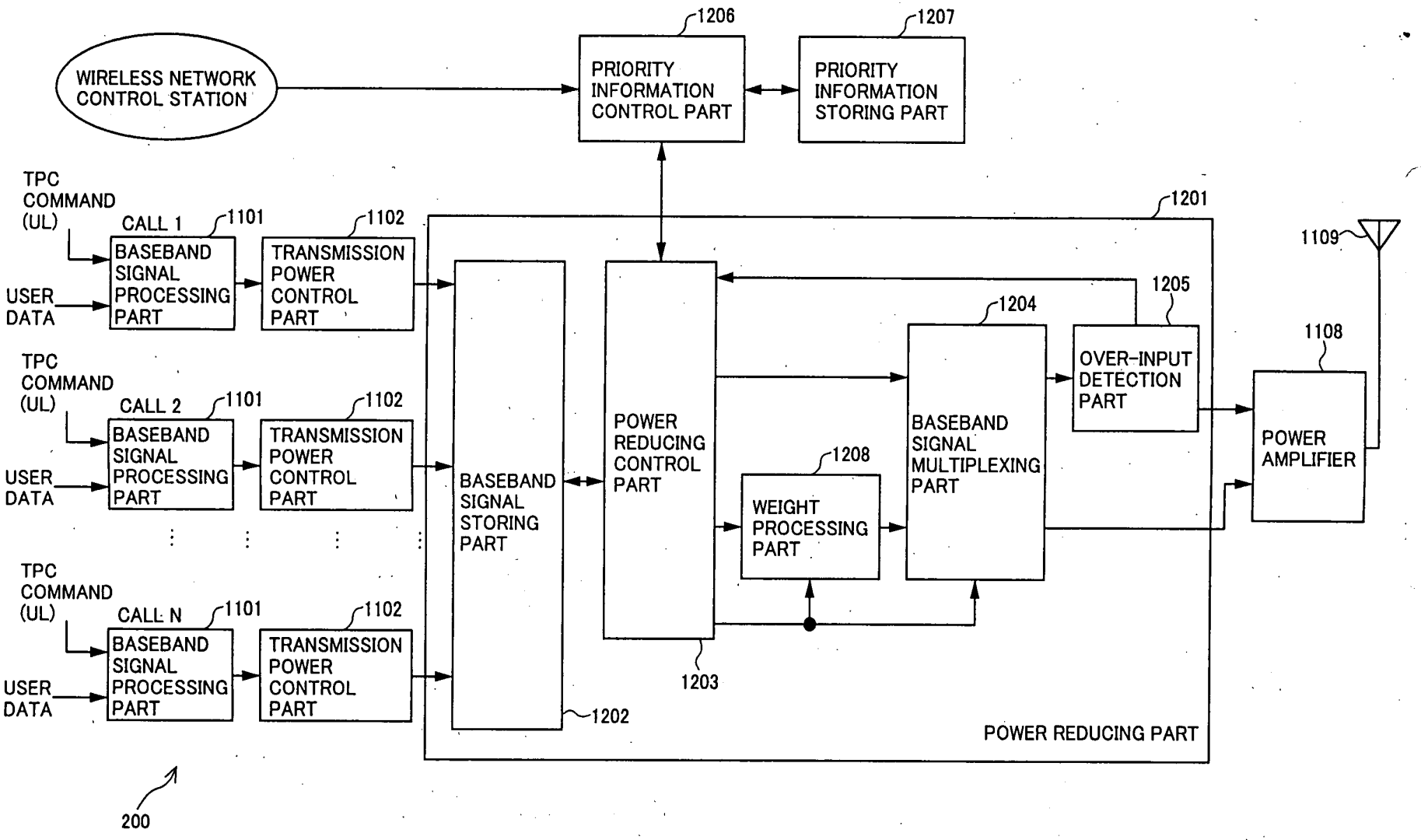


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FIG.20

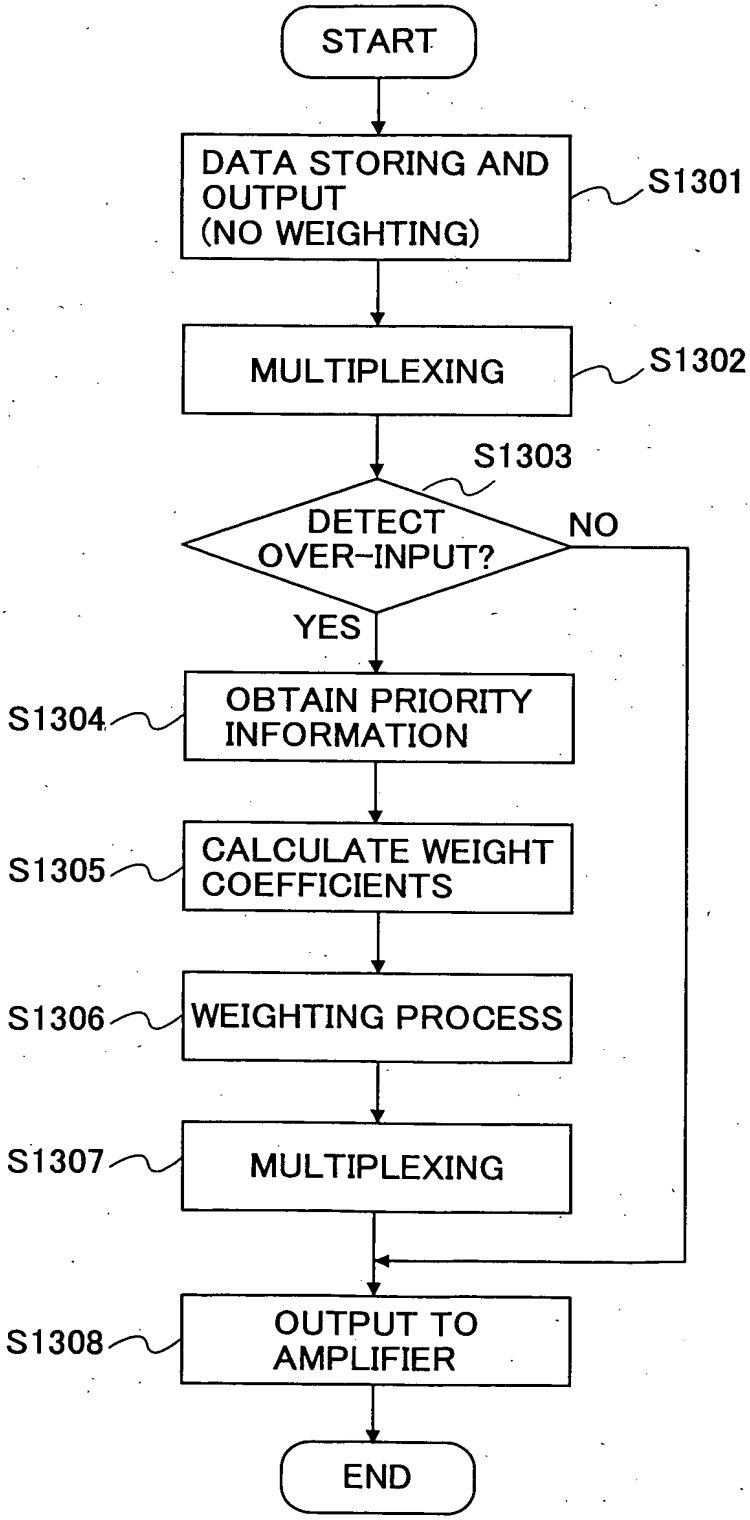

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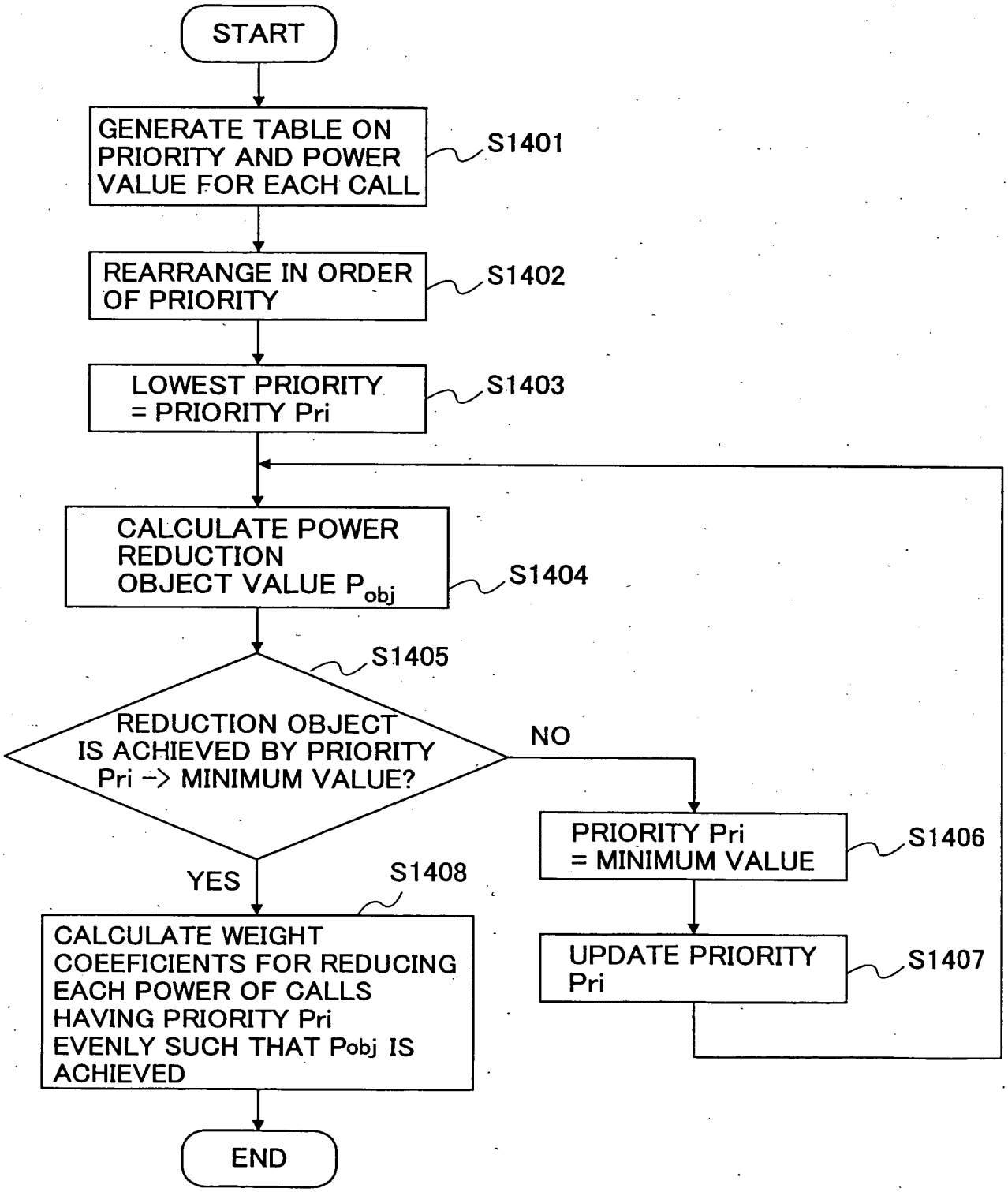
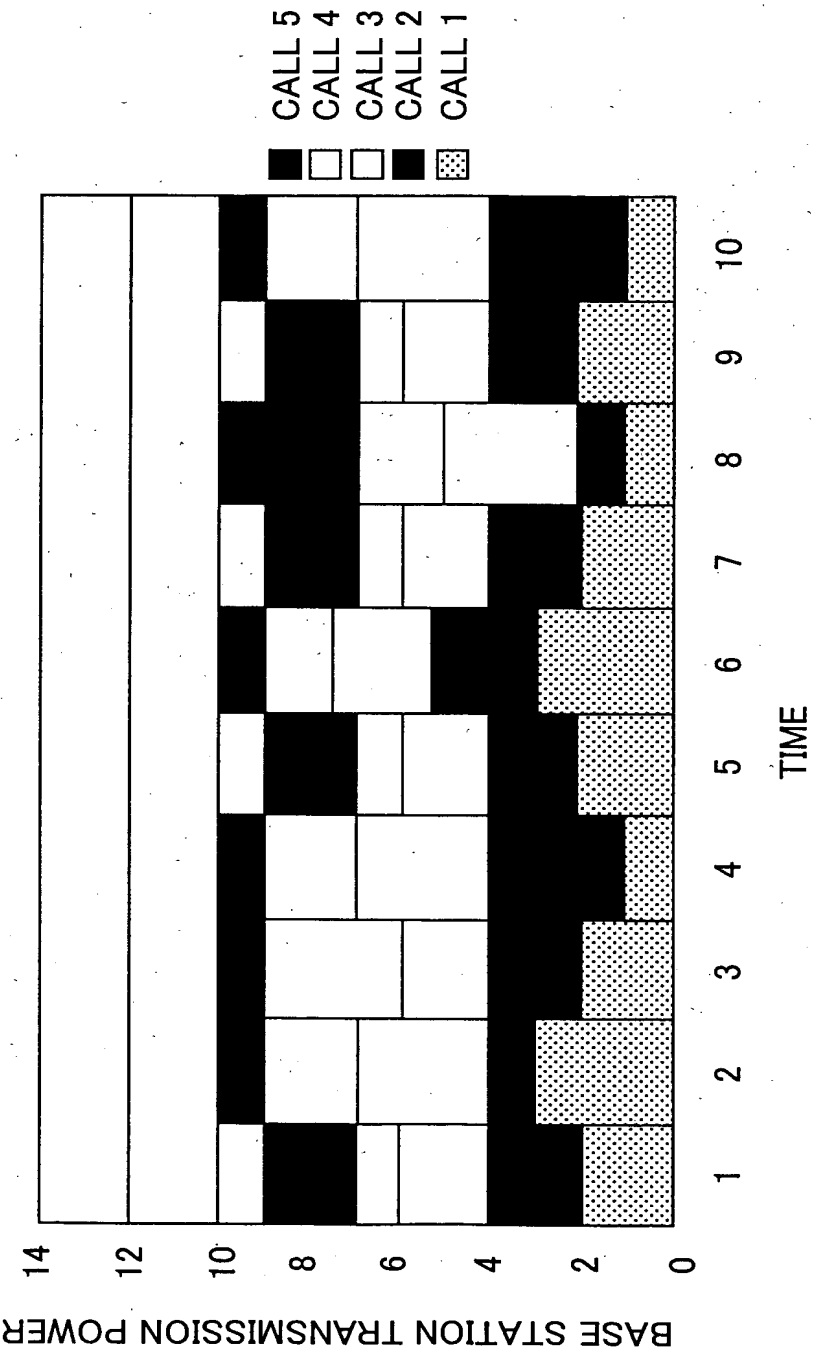
FIG.21



20070170 1.9805.07

FIG.22


CALL 5
CALL 4
CALL 3
CALL 2
CALL 1
BASE STATION TRANSMISSION POWER
0
2
4
6
8
10
12
14
TIME
1
2
3
4
5
6
7
8
9
10